PATENT
Attorney Docket No.7372/72249

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ASAKO et al.

Application No. 10/004,113

Filed: December 6, 2001

For: PROCESS FOR PRODUCING OPTICALLY ACTIVE ...

MAR 2 1 2002

March 21, 2002

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

(X) within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d): (b) within three months of the date of entry of the national stage as

set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

- () **after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
  - () the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).

or

- () the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
- () **after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
- () **after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

  NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

### Copies of the References

- (X) Copies of the references listed on the enclosed Form 1449 are enclosed herewith.
- () A copy of the foreign search report is enclosed herewith.
- () The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLI	Status (check one)			
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.	1			
3.				

## Statement under 37 CFR 1.97(e)

- () The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- () The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

### Statement under 37 CFR 1.704(d)

() The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

#### Fees

- (X) **No fee** is owed by the applicant(s).
- () The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

### **Method of Payment of Fees**

- () Attached is a check in the amount of \$180.00.
- () Charge Deposit Account No. 06-1135 in the amount of \$ . (A duplicate copy of this communication is enclosed for that purpose.)

U.S. Appln. No. 10/004,115 - ASAKO et al.

## **Authorization to Charge Additional Fees**

(X) If any additional fees are owed in connection with this communication, please charge Deposit Account No. 06-1135. (Λ duplicate copy of this communication is enclosed for that purpose.)

## Instructions as to Overpayment

- (X) Credit Account No. 06-1135.
- () Refund

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

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PTO/SB/08A Substitute for Form PTO-1449	Application Number	10/004,115
	Filing Date	December 6, 2001
INFORMATION DISCLOSURE	First Named Inventor	ASAKO et al.
STATEMENT BY APPLICANT	Art Unit	Not Yet Assigned
(use as many sheets as necessary)	Examiner Name	Not Yet Assigned
Sheet 01 2	Attorney Docket	7372/72249

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	1	U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite Document	Publication Date MM-DD-YYYY	e Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	US- 4,895,979	9 01/23/1990	Noyori et al.	
	US- 6,218,156	6 B1 04/17/2001	Yasohara et al.	
	US- 6,312,933	3 B1 11/06/2001	Kimoto et al.	
	US- 5,908,953	3 06/01/1999	Matsuda et al.	
	US-			

		FOREI	GN PATENT D	OCUMENTS		Γ
	Ci te N	Foreign Patent Document			Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T
Examiner Initials*	ρ.	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Т
		JP 2566962 B2	10/03/1996	Denki Kagaku Kogyo KK		Ī
		JP 1-222787 A	09/06/1989	Nippon Synthetic		Γ
	_	JP 60-251890 A	12/12/1985	Nippon Synthetic		Г
	-	JP 63-123387 A	05/27/1988	Denki Kagaku Kogyo KK		
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Examiner Date Signature Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A	•	•	Application Number	10/004,115
Substitute for Form PTO-1449			Filing Date	December 6, 2001
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			First Named Inventor	ASAKO et al.
			Art Unit	Not Yet Assigned
(use as many sheet	's as ne	ecessary)	Examiner Name	Not Yet Assigned
Sheed %c	of	2	Attorney Docket	7372/72249

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MAR 2 1 2002 COTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate).							
Examination in the second seco	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²				
		Book of Abstracts, 2000 International Chemical Congress of Pacific Basin Societies, Honolulu, Hawaii, December 14-19, 2000, Abstract 3Y7p7, page 374 (with translation)					
	•						
Examiner Signature		Date Considered					

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